

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jain, et al. )  
App. No. : 09/134,497 )  
Filed : August 14, 1998 )  
For : VIDEO CATALOGER SYSTEM )  
WITH SYNCHRONIZED )  
ENCODERS )  
Examiner : Unknown )

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COPY

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys with full power of substitution and

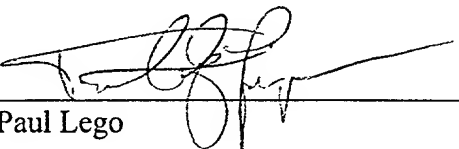
App. No. : 09/134,497  
Filed : August 14, 1998

revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

Virage, Inc.

Dated: October 7, 1998

By:   
Paul Lego

Title: C.E.O.

Address: 177 Bovet Road, Suite 520, San Mateo,  
California 94402

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**DECLARATION AND POWER OF ATTORNEY- USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **VIDEO CATALOGER SYSTEM WITH SYNCHRONIZATION ENCODERS**; the specification of which was filed on **August 14, 1998**, as Application Serial No. **09/134,497**.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional applications listed below.

Application No.: **60/055,751**      Filing Date: **August 14, 1997**

POWER OF ATTORNEY: I hereby appoint the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, **Customer No. 20,995**.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

-----  
Full name of first inventor: **Ramesh Jain**

Inventor's signature *R Jain*

Date 3-9-07

Residence: **4715 Reedley Terrace, San Diego, California 92130**

Citizenship: **U.S.A.**

Post Office Address: **Same**

Full name of second inventor: **Charles Fuller**

Inventor's signature 

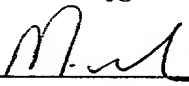
Date 3/9/01

Residence: **621 Comet Drive, Foster City, California 94404**

Citizenship: **U.S.A.**

Post Office Address: Same

Full name of third inventor: **Mojgan Monika Gorkani**

Inventor's signature 

Date March 9, 2001

Residence: **108 Goldmine Drive, San Francisco, California 94131**

Citizenship: **U.S.A.**

Post Office Address: Same

Full name of fourth inventor: **Bradley Horowitz**

Inventor's signature 

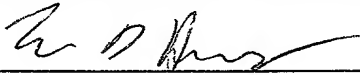
Date MARCH 9, 2001

Residence: **7 Seville Way, #3, San Mateo, California 94402**

Citizenship: **U.S.A.**

Post Office Address: Same

Full name of fifth inventor: **Richard D. Humphrey**

Inventor's signature 

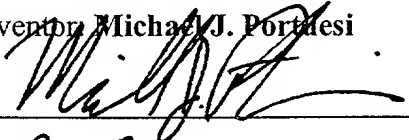
Date MARCH 9, 2001

Residence: **2110 Admiralty Lane, Foster City, California 94404**

Citizenship: **U.S.A.**

Post Office Address: Same

Full name of sixth inventor: **Michael J. Portalesi**

Inventor's signature 


Date MARCH 9, 2001

Residence: **400 Mississippi Street, San Francisco, California 94107**

Citizenship: **U.S.A.**

Post Office Address: Same

Full name of seventh inventor: **Chiao-fe Shu**

Inventor's signature 

Date MARCH 9, 2001

Residence: **302 37th Avenue, San Mateo, California 94403**

Citizenship: **Citizen of Taiwan**

Post Office Address: Same

Full name of eighth inventor: **Arun Hampapur**

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: **10 North Broadway, #5K, White Plains, NY 10601**

Citizenship: **India**

Post Office Address: Same

Full name of ninth inventor: **Amarnath Gupta**

Inventor's signature *Amarnath Gupta*

Date 3/10/01

Residence: **11742 Carmel Creek Road, Apt. I-201, San Diego, CA 92130**

Citizenship: **India**

Post Office Address: Same

Full name of tenth inventor: **Jeffrey Bach**

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: **655 Asbury Drive, Aurora, IL 60504**

Citizenship: **U.S.A.**

Post Office Address: Same

Send Correspondence To:  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
Customer No. 20,995

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Full name of eighth inventor: **Arun Hampapur**

Inventor's signature Arun H

Date 03/10/01

Residence: **10 North Broadway, #5K, White Plains, NY 10601**

Citizenship: **India**

Post Office Address: Same

Full name of ninth inventor: **Amarnath Gupta**

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: **11742 Carmel Creek Road, Apt. I-201, San Diego, CA 92130**

Citizenship: **India**

Post Office Address: Same

Full name of tenth inventor: **Jeffrey Bach**

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: **655 Asbury Drive, Aurora, IL 60504**

Citizenship: **U.S.A.**

Post Office Address: Same

Send Correspondence To:  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
**Customer No. 20,995**  
S:\DOCS\UMC\UMC-4978.DOC:gem030201

Full name of eighth inventor: **Arun Hampapur**

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: **10 North Broadway, #5K, White Plains, NY 10601**

Citizenship: **India**

Post Office Address: Same

Full name of ninth inventor: **Amarnath Gupta**

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: **11742 Carmel Creek Road, Apt. I-201, San Diego, CA 92130**

Citizenship: **India**

Post Office Address: Same

Full name of tenth inventor: **Jeffrey Bach**

Inventor's signature Jeffrey Bach

Date 3/9/01

Residence: **655 Asbury Drive, Aurora, IL 60504**

Citizenship: **U.S.A.**

Post Office Address: Same

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Send Correspondence To:  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
**Customer No. 20,995**  
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ASSIGNMENT

WHEREAS, We, Ramesh Jain, a United States citizen, residing at 4715 Reedley Terrace, San Diego, California 92130, Charles Fuller, a United States citizen, residing at 836 Wharfside Road, San Mateo, California 94404, Mojgan Monika Gorkani, a United States citizen, residing at 60 Parkridge Drive, #1, San Francisco, California 94131, Bradley Horowitz, a United States citizen, residing at 7 Seville Way, #3, San Mateo, California 94402, Richard D. Humphrey, a United States citizen, residing at 2110 Admiralty Lane, Foster City, California 94404, Michael J. Portuesi, a United States citizen, residing at 400 Mississippi Street, San Francisco, California 94107, and Chiao-fe Shu, a Taiwanese citizen, residing at 302 37th Avenue, San Mateo, California 94403, have invented certain new and useful improvements in a **VIDEO CATALOGER SYSTEM WITH SYNCHRONIZED ENCODERS** for which we have executed an application for Letters Patent in the United States, assigned Serial No. 09/134,497, and filed August 14, 1998;

AND WHEREAS, Virage, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 177 Bovet Road, Suite 520, San Mateo, California 94402, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) each to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 17<sup>th</sup> day of Sept 1998

R. Jain  
Ramesh Jain

STATE OF CALIFORNIA  
COUNTY OF SAN MATEO ss.

On SEPT 17, 1998 before me, CAROL L. ROLAND personally appeared Ramesh Jain personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Carol L. Roland  
Notary Signature

(continued on page 2)

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of OCTOBER 1998

Charles Fuller  
Charles Fuller

STATE OF CALIFORNIA }  
COUNTY OF SAN MATEO } ss.

On OCT 2, 1998, before me, CAROL L. ROLAND, personally appeared Charles Fuller personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Carol L. Roland  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5 day of October 1998

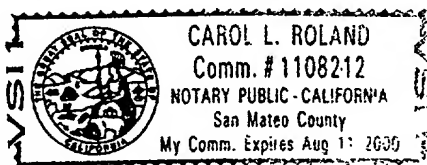
Mojgan Monika Gorkani  
Mojgan Monika Gorkani

STATE OF CALIFORNIA }  
COUNTY OF SAN MATEO } ss.

On OCT. 5, 1998, before me, CAROL L. ROLAND, personally appeared Mojgan Monika Gorkani personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Carol L. Roland  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2nd day of October, 1998.

Bradley Horowitz  
Bradley Horowitz

STATE OF CALIFORNIA  
COUNTY OF SAN MATEO ] ss.

On Oct. 2, 1998, before me, Carol L. Roland, personally appeared Bradley Horowitz personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Carol L. Roland  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2nd day of October, 1998.

Richard D. Humphrey  
Richard D. Humphrey

STATE OF CALIFORNIA  
COUNTY OF SAN MATEO ] ss.

On Oct 2, 1998, before me, Carol L. Roland, personally appeared Richard D. Humphrey personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Carol L. Roland  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2nd day of October 1998

Michael J. Portuesi  
Michael J. Portuesi

STATE OF CALIFORNIA

COUNTY OF SAN MATEO

ss.

On Oct 2, 1998, before me, CAROL L. ROLAND, personally appeared Michael J. Portuesi personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Carol L. Roland  
Notary Signature



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2nd day of Oct. 1998

Chiao-fe Shu  
Chiao-fe Shu

STATE OF CALIFORNIA

COUNTY OF SAN MATEO

ss.

On Oct 2, 1998, before me, CAROL L. ROLAND, personally appeared Chiao-fe Shu personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Carol L. Roland  
Notary Signature

